

Environmental Protection Agency

§ 75.1

Subpart E—Alternative Monitoring Systems

- 75.40 General demonstration requirements.
- 75.41 Precision criteria.
- 75.42 Reliability criteria.
- 75.43 Accessibility criteria.
- 75.44 Timeliness criteria.
- 75.45 Daily quality assurance criteria.
- 75.46 Missing data substitution criteria.
- 75.47 Criteria for a class of affected units.
- 75.48 Petition for an alternative monitoring system.

Subpart F—Recordkeeping Requirements

- 75.50–75.52 [Reserved]
- 75.53 Monitoring plan.
- 75.54–75.56 [Reserved]
- 75.57 General recordkeeping provisions.
- 75.58 General recordkeeping provisions for specific situations.
- 75.59 Certification, quality assurance, and quality control record provisions.

Subpart G—Reporting Requirements

- 75.60 General provisions.
- 75.61 Notifications.
- 75.62 Monitoring plan submittals.
- 75.63 Initial certification or recertification application.
- 75.64 Quarterly reports.
- 75.65 Opacity reports.
- 75.66 Petitions to the Administrator.
- 75.67 Retired units petitions.

Subpart H—NO_x Mass Emissions Provisions

- 75.70 NO_x mass emissions provisions.
- 75.71 Specific provisions for monitoring NO_x and heat input for the purpose of calculating NO_x mass emissions.
- 75.72 Determination of NO_x mass emissions.
- 75.73 Recordkeeping and reporting.
- 75.74 Annual and ozone season monitoring and reporting requirements.
- 75.75 Additional ozone season calculation procedures for special circumstances.

Subpart I—Hg Mass Emission Provisions

- 75.80 General provisions.
- 75.81 Monitoring of Hg mass emissions and heat input at the unit level.
- 75.82 Monitoring of Hg mass emissions and heat input at common and multiple stacks.
- 75.83 Calculation of Hg mass emissions and heat input rate.
- 75.84 Recordkeeping and reporting.
- APPENDIX A TO PART 75—SPECIFICATIONS AND TEST PROCEDURES
- APPENDIX B TO PART 75—QUALITY ASSURANCE AND QUALITY CONTROL PROCEDURES
- APPENDIX C TO PART 75—MISSING DATA ESTIMATION PROCEDURES

APPENDIX D TO PART 75—OPTIONAL SO₂ EMISSIONS DATA PROTOCOL FOR GAS-FIRED AND OIL-FIRED UNITS

APPENDIX E TO PART 75—OPTIONAL NO_x EMISSIONS ESTIMATION PROTOCOL FOR GAS-FIRED PEAKING UNITS AND OIL-FIRED PEAKING UNITS

APPENDIX F TO PART 75—CONVERSION PROCEDURES

APPENDIX G TO PART 75—DETERMINATION OF CO₂ EMISSIONS

APPENDIX H TO PART 75—REVISED TRACEABILITY PROTOCOL No. 1 [RESERVED]

APPENDIX I TO PART 75—OPTIONAL F—FACTOR/FUEL FLOW METHOD [RESERVED]

APPENDIX J TO PART 75—COMPLIANCE DATES FOR REVISED RECORDKEEPING REQUIREMENTS AND MISSING DATA PROCEDURES [RESERVED]

APPENDIX K TO PART 75—QUALITY ASSURANCE AND OPERATING PROCEDURES FOR SORBENT TRAP MONITORING SYSTEMS

AUTHORITY: 42 U.S.C. 7601 and 7651K, and 7651K note.

SOURCE: 58 FR 3701, Jan. 11, 1993, unless otherwise noted.

EDITORIAL NOTE: Nomenclature changes to part 75 appear at 67 FR 40476, June 12, 2002.

Subpart A—General

§ 75.1 Purpose and scope.

(a) *Purpose.* The purpose of this part is to establish requirements for the monitoring, recordkeeping, and reporting of sulfur dioxide (SO₂), nitrogen oxides (NO_x), and carbon dioxide (CO₂) emissions, volumetric flow, and opacity data from affected units under the Acid Rain Program pursuant to sections 412 and 821 of the CAA, 42 U.S.C. 7401–7671q as amended by Public Law 101–549 (November 15, 1990) [the Act]. In addition, this part sets forth provisions for the monitoring, recordkeeping, and reporting of NO_x mass emissions with which EPA, individual States, or groups of States may require sources to comply in order to demonstrate compliance with a NO_x mass emission reduction program, to the extent these provisions are adopted as requirements under such a program.

(b) *Scope.* (1) The regulations established under this part include general requirements for the installation, certification, operation, and maintenance

§ 75.2

40 CFR Ch. I (7–1–05 Edition)

of continuous emission or opacity monitoring systems and specific requirements for the monitoring of SO₂ emissions, volumetric flow, NO_x emissions, opacity, CO₂ emissions and SO₂ emissions removal by qualifying Phase I technologies. Specifications for the installation and performance of continuous emission monitoring systems, certification tests and procedures, and quality assurance tests and procedures are included in appendices A and B to this part. Criteria for alternative monitoring systems and provisions to account for missing data from certified continuous emission monitoring systems or approved alternative monitoring systems are also included in the regulation.

(2) Statistical estimation procedures for missing data are included in appendix C to this part. Optional protocols for estimating SO₂ mass emissions from gas-fired or oil-fired units and NO_x emissions from gas-fired peaking or oil-fired peaking units are included in appendices D and E, respectively, to this part. Requirements for recording and recordkeeping of monitoring data and for quarterly electronic reporting also are specified. Procedures for conversion of monitoring data into units of the standard are included in appendix F to this part. Procedures for the monitoring and calculation of CO₂ emissions are included in appendix G of this part.

[58 FR 3701, Jan. 11, 1993; 58 FR 34126, June 23, 1993; 58 FR 40747, July 30, 1993; 63 FR 57498, Oct. 27, 1999; 67 FR 40421, June 12, 2002]

§ 75.2 Applicability.

(a) Except as provided in paragraphs (b) and (c) of this section, the provisions of this part apply to each affected unit subject to Acid Rain emission limitations or reduction requirements for SO₂ or NO_x.

(b) The provisions of this part do not apply to:

(1) A new unit for which a written exemption has been issued under § 72.7 of this chapter (any new unit that serves one or more generators with total nameplate capacity of 25 MWe or less and burns only fuels with a sulfur content of 0.05 percent or less by weight may apply to the Administrator for an exemption); or

(2) Any unit not subject to the requirements of the Acid Rain Program due to operation of any paragraph of § 72.6(b) of this chapter; or

(3) An affected unit for which a written exemption has been issued under § 72.8 of this chapter and an exception granted under § 75.67 of this part.

(c) The provisions of this part apply to sources subject to a State or federal NO_x mass emission reduction program, to the extent these provisions are adopted as requirements under such a program.

[58 FR 3701, Jan. 11, 1993, as amended at 58 FR 15716, Mar. 23, 1993; 60 FR 26516, May 17, 1995; 63 FR 57499, Oct. 27, 1998]

EFFECTIVE DATE NOTE: At 70 FR 28678, May 18, 2005, § 75.2 was amended by adding paragraph (d), effective July 18, 2005. For the convenience of the user the added text follows:

§ 75.2 Applicability.

* * * * *

(d) The provisions of this part apply to sources subject to a State or Federal mercury (Hg) mass emission reduction program, to the extent that these provisions are adopted as requirements under such a program.

* * * * *

§ 75.3 General Acid Rain Program provisions.

The provisions of part 72, including the following, shall apply to this part:

- (a) § 72.2 (Definitions);
- (b) § 72.3 (Measurements, Abbreviations, and Acronyms);
- (c) § 72.4 (Federal Authority);
- (d) § 72.5 (State Authority);
- (e) § 72.6 (Applicability);
- (f) § 72.7 (New Unit Exemption);
- (g) § 72.8 (Retired Units Exemption);
- (h) § 72.9 (Standard Requirements);
- (i) § 72.10 (Availability of Information); and
- (j) § 72.11 (Computation of Time).

In addition, the procedures for appeals of decisions of the Administrator under this part are contained in part 78 of this chapter.

§ 75.4 Compliance dates.

(a) The provisions of this part apply to each existing Phase I and Phase II